

## AMENDMENTS TO THE CLAIMS

1. (Canceled)
2. (Canceled)
3. (Currently Amended) ~~The method of Claim 1, further comprising:~~ A method for developing a sub-sea hydrocarbons field, comprising:  
liquefying natural gas aboard a vessel using a liquid coolant aboard the vessel to obtain liquefied natural gas;  
transporting the liquefied natural gas to an onshore terminal;  
re-gasifying the liquefied natural gas;  
obtaining a new batch of liquid coolant using energy recovered from the re-gasifying the liquefied natural gas;  
de-gasifying hydrocarbons obtained from the sub-sea hydrocarbons field to produce oil and gas; and  
conveying the produced gas to the vessel and the produced oil to ~~the~~ a storage tank on a seabed.
4. (Original) The method of Claim ~~1~~3, wherein the produced gas is conveyed to the vessel via a riser.
5. (Original) The method of Claim ~~1~~3, further comprising:  
pre-treating the produced gas before liquefying.
6. (Original) The method of Claim 3, further comprising:  
storing the oil in a storage tank attached to a seabed.
7. (Currently Amended) The method of Claim ~~1~~3, further comprising:  
liquefying a new batch of natural gas using the new batch of liquid nitrogen aboard the vessel.

8. (Currently Amended) The method of Claim ~~13~~, wherein one of a plurality of storage tanks aboard the vessel ~~storage tanks~~ is empty to receive an initial portion of the liquefied natural gas.
9. (Currently Amended) The method of Claim ~~13~~, wherein the re-gasifying the liquid natural gas is performed at the onshore terminal.
10. (Currently Amended) The method of Claim ~~13~~, wherein re-gasifying the liquefied natural gas produces high pressure gas.
11. (Original) The method of Claim 10, further comprising:  
sending the high pressure gas to a pipeline.
12. (Currently Amended) The method of Claim ~~13~~, wherein transporting the liquefied natural gas to the onshore terminal is performed using the vessel.
13. (Currently Amended) A system for developing an oil and gas field, comprising:  
a vessel configured to liquefy natural gas to obtain liquefied natural gas using liquid nitrogen aboard the vessel; ~~and~~  
an onshore terminal configured to obtain a new batch of liquid nitrogen using refrigeration recovered from re-gasifying the liquefied natural gas; and  
a sub-sea separation system configured to de-gasify hydrocarbons to produce oil and gas.
14. (Currently Amended) The system of Claim 13, further comprising:  
~~a sub-sea separation system configured to de-gasify hydrocarbons to produce oil and gas;~~  
~~and~~  
a natural gas conveyance system configured to use a riser to convey the gas produced from the sub-sea separation system to the vessel; and  
convey the oil produced from the sub-sea separation system to a ~~sub0-sea~~ sub-sea storage tank.

15. (Original) The system of Claim 14, further comprising:  
a natural gas pre-treating facility configured to treat the produced gas.
16. (Original) The system of Claim 14, further comprising:  
a power and control buoy configured to provide electric power and control functions for  
the sub-sea separation system.
17. (Currently Amended) An apparatus for developing a sub-sea hydrocarbons field,  
comprising:  
means for liquefying natural gas aboard a vessel using liquid nitrogen aboard the  
vessel to obtain liquefied natural gas;  
means for transporting the liquefied natural gas to an onshore terminal;  
means for re-gasifying the liquefied natural gas;  
means for obtaining a new batch of liquid coolant using energy recovered from the re-  
gasifying the liquefied natural gas, wherein the liquid coolant comprises liquid  
nitrogen;  
a means for de-gasifying hydrocarbons obtained from the sub-sea hydrocarbons field to  
produce oil and gas; and  
a means for conveying the produced gas to the vessel and the produced oil to a storage  
tank on the seabed.
18. (New) The method of Claim 3, further comprising:  
transporting a new batch of liquid coolant offshore aboard the vessel using a plurality of  
storage tanks; wherein the new batch of liquid coolant comprises liquid nitrogen.